



Sheet 01 of 01

Form ~~PTQ-1449~~ ModifiedBasket No.  
PTQ-0038Serial No.  
09/942,498List of Patents and Publications  
Cited by Applicant  
(Use several sheets if necessary)Applicant  
Van Eyk and Arrell

U.S. Department of Commerce

Filing Date  
August 30, 2001Class  
1614

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BA	AA	Bialojan et al., "Different Phosphorylation Patterns of Cardiac Myosin Light Chains Using ATP and ADP as Substrates", J. Mol Cell Cardiol 1988 20:575-578
BA	AB	Morano I., "Tuning the human heart molecular motors by myosin light chains", J. Mol Med 1999 77:844-855
BA	AC	Morano et al., "Phosphorylation and Thin Filament Activation by Myosin Light Chain Kinase: Different Effects on Mechanical Properties of Isometrically Skinned Ventricular Fibers from the Rat", J. Mol Cell Cardiol 1990 22:805-814
BA	AD	Footter et al., "Mutations in either the essential or regulatory light chains of myosin are associated with a rare myopathy in human heart and skeletal muscle", Nature Genetics 1996 13:100-104
BA	AE	Rayment et al., "Three-Dimensional Structure of Myosin Subfragment-1: A Molecular Motor", Science 1993 261:50-65
EXAMINER	DATE CONSIDERED 10/8/2002	

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
1	09/115,589		Van Eyk			July 15, 1998
2	09/419,901		Van Eyk			Oct. 18, 1999
3	6,248,549	June 19, 2001	Van Eyk			June 22, 1998

## FOREIGN PATENT DOCUMENTS

*EXAMINER TRANSLATION INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
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## OTHER PUBLICATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

- 1 Hillis, G.S., Zhao, N., Taggart, P., Dalsey, W.C., Mangione, A. "Utility of cardiac troponin I, creatine kinase-MB<sub>mass</sub>, myosin light chain 1, and myoglobin in the early in-hospital triage of "high risk" patients with chest pain." *Heart* 82 (5): 614-20 (1999)
- 2 Katus, H.A., Diederich, K.W., Hoberg, E., Kubler, W. "Circulating cardiac myosin light chains in patients with angina at rest: identification of a high risk subgroup" *J. Am. Coll. Cardiol.* 11 (3): 487-93 (1988)

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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

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## OTHER PUBLICATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

- 3 Mair, J., Wagner, I., Jakob, G., Lechleitner, P., Dienstl, F., Puschendorf, B., Michel, G. "Different time courses of cardiac contractile proteins after acute myocardial infarction" *Clin. Chim. Acta* 231(1):47-60 (1994)
- 4 Mair, J., Wagner, I., Fridrich, L., Lechleitner, P., Dienstl, F., Puschendorf, B., Michel, G. "Cardiac myosin light chain-1 release in acute myocardial infarction is associated with scintigraphic estimates of myocardial scar" *Clin. Chim. Acta* 229 (1-2): 153-9 (1994)
- 5 Nicol, P.D., Matsueda, G.R., Haber, E., Khaw, B.A. "Synthetic peptide immunogens for the development of a cardiac myosin light chain-1 specific radioimmunoassay" *J. Nucl. Med.* 34 (12): 2144-51 (1993)
- 6 Ravkilde, J., Botker, H.E., Sogaard, P., Selmer, J., Rej, R., Jorgensen, P.J., Horder, M., Thygesen, K. "Human ventricular myosin light chain isotype 1 as a marker of myocardial injury" *Cardiology* 84 (2): 135-44 (1994)
- 7 Ravkilde, J. "Creatine kinase isoenzyme MB mass, cardiac troponin T, and myosin light chain isotype 1 as serological markers of myocardial injury and their prognostic importance in acute coronary syndrome" *Dan. Med. Bull.* 45(1): 34-50 (1998)
- 8 Ravkilde, J., Nissen, H., Horder, M., Thygesen, K. "Independent prognostic value of serum creatine kinase isoenzyme MB mass, cardiac troponin T and myosin light chain levels in suspected acute myocardial infarction. Analysis of 28 months of follow-up in 196 patients" *J. Am. Coll Cardiol.* 25 (3): 574-81 (1995)
- 9 Sato, T., Sasaki, N., O'Rourke, B., Marbán, E. "Adenosine primes the opening of mitochondrial ATP-sensitive potassium channels" *Circulation* 102: 800-805 (2000)
- 10 Sonel, A., Sasseen, B.M., Fineberg, N., Bang, N., Wilensky, R.L. "Prospective study correlating fibrinopeptide A, troponin I, myoglobin, and myosin light chain levels with early and late ischemic events in consecutive patients presenting to the emergency department with chest pain" *Circulation* 102 (10): 1107-13 (2000)

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## OTHER PUBLICATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

- 11 Wang, J., Shi, Q., Wu, T.W., Jackowski, G., Mickle, D.A.G. "The quantitation of human ventricular myosin light chain 1 in serum after myocardial necrosis and infarction" *Clin. Chim. Acta* 181 (3): 325-36 (1989)
- 12 Yamada, T., Matsumori, A., Tamaki, S., Sasayama, S. "Myosin light chain I grade: a simple marker for the severity and prognosis of patients with acute myocardial infarction" *Am. Heart J.* 135 (2 Pt 1): 329-34 (1998)

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